

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L4 | 0 | 166/101,118,120,387, "179", "187".ccls. | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 14:53 |
| L5 | 3276 | 166/101,118,120,387,179,187.ccls. | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 14:53 |
| L6 | 1 | L5 yield ADJ stress ADJ fluid | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 14:53 |
| L7 | 155 | (yield stress fluid).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:53 |
| L8 | 46 | (yield stress fluid seal wellbore).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:53 |
| L9 | 1 | (yield stress fluid seal wellbore deform).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:54 |
| L10 | 0 | (cement sheath seal wellbore young's).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:54 |
| L11 | 1 | (cement seal wellbore young's).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:54 |
| L12 | 48 | (cement seal wellbore modulus).clm. | US-PGPUB | AND | OFF | 2009/06/12 14:54 |
| S2 | 23 | ((("1,336,738") or ("2,231,282") or ("3,272,517") or ("3,750,750") or ("4,137970") or ("4,913232") or ("5,190109") or ("5,358054") or ("5,361836") or ("5,667010") or ("5,992,522") or ("6,041,858") or ("6,050,336") or ("6,059,033") or ("6,196,316") or ("6,244,344") or ("6,286,603") or ("6,296,054") or ("6,330,917") or ("6,350,309"))).FN. or ((2003/0178204 or (2003/0196820)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/18 17:07 |
| S3 | 1950 | 166/101,118,120,387.ccls. | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/18 17:07 |
| S4 | 1 | S3 (viscoelastic OR visco-elastic) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:37 |
| S5 | 1 | S3 (viscoplastic OR visco-plastic) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:31 |

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|-----|-------|--|----------------------------------|-----|-----|---------------------|
| S6 | 0 | S3 (polypropylene ADJ glycol) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/18 17:09 |
| S7 | 47399 | (polypropylene ADJ glycol) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/18 17:09 |
| S8 | 188 | "166".clas. (polypropylene ADJ glycol) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:33 |
| S9 | 76 | S8 (packer OR plug OR seal) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 17:11 |
| S10 | 134 | S3 (pa OR Mpa) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/18 17:46 |
| S11 | 0 | S3 (yield ADJ stress ADJ fluid) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/18 17:57 |
| S12 | 0 | S3 (plastic ADJ solid) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:29 |
| S13 | 54 | "166".clas. (isolation ADJ fluid) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:33 |
| S14 | 23 | ((("1,336,738") or ("2,231,282") or ("3,272,517") or ("3,750,750") or ("4,137970") or ("4,913232") or ("5,190109") or ("5,358054") or ("5,361836") or ("5,667010") or ("5,992,522") or ("6,041,858") or ("6,050,336") or ("6,059,033") or ("6,196,316") or ("6,244,344") or ("6,286,603") or ("6,296,054") or ("6,330,917") or ("6,350,309"))).PN. or ((2003/0178204) or (2003/0196820)). OCLS. | US- PGPUB; USPAT; USOCR | OR | OFF | 2007/12/19 10:33 |
| S15 | 0 | S14 (polypropylene ADJ glycol) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:33 |
| S16 | 0 | S14 (polypropylene) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:33 |
| S17 | 0 | S14 (isolation ADJ fluid) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:33 |

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| S18 | 2 | S14 (permanent ADJ (barrier OR seal)) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:34 |
| S19 | 10 | (US-20050205265-\$ or US-20020157831-\$). did. or (US-4913232-\$ or US-6050336-\$ or US-5576485-\$ or US-6964302-\$ or US- 6257335-\$ or US-6187839-\$ or US- 5031699-\$).did. or (US-3272517-\$).did. | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:45 |
| S20 | 2 | S19 cement permanent | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:52 |
| S21 | 6 | S19 cement | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 10:52 |
| S22 | 1950 | 166/101,118,120,387.ccls. | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:31 |
| S23 | 1 | S22 (viscoplastic OR visco-plastic OR viscoplasticity) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:31 |
| S24 | 248 | (well OR hydrocarbons OR petroleum) (viscoplastic OR visco-plastic OR viscoplasticity) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:35 |
| S25 | 37 | (hydrocarbons OR petroleum)(viscoplastic OR visco-plastic OR viscoplasticity) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 13:35 |
| S26 | 1 | ("5,417,285").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/19 13:37 |
| S27 | 21 | S22 (seal NEAR length) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 17:14 |
| S28 | 6 | S22 (seal NEAR m) | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/19 17:20 |
| S29 | 1 | ("20050199401").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/19 17:20 |
| S30 | 11 | (US-20050205265-\$ or US-20020157831-\$ or US-20050199401-\$).did. or (US- 4913232-\$ or US-6050336-\$ or US- 5576485-\$ or US-6964302-\$ or US- 6257335-\$ or US-6187839-\$ or US- 5031699-\$).did. or (US-3272517-\$).did. | US-PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:23 |

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| S31 | 1 | S30 (cement NEAR (expand OR expands OR expansion OR expanding)) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:25 |
| S32 | 23 | ((("1,336,738") or ("2,231,282") or ("3,272,517") or ("3,750,750") or ("4,137970") or ("4,913232") or ("5,190109") or ("5,358054") or ("5,361836") or ("5,667010") or ("5,992,522") or ("6,041,858") or ("6,050,336") or ("6,059,033") or ("6,196,316") or ("6,244,344") or ("6,286,603") or ("6,296,054") or ("6,330,917") or ("6,350,309")),PN. or ((2003/0178204) or (2003/0196820)). CCLS. | US- PGPUB; USPAT; USOCR | OR | OFF | 2007/12/20 11:25 |
| S33 | 1 | S32 (cement NEAR (expand OR expands OR expansion OR expanding)) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:25 |
| S34 | 1952 | 166/101,118,120,387.ccls. | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:25 |
| S35 | 4 | S34 (cement NEAR (expand OR expands OR expansion OR expanding)) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:51 |
| S36 | 4 | S34 (underreamer seal) | US- PGPUB; USPAT; USOCR | AND | OFF | 2007/12/20 11:52 |
| S37 | 1 | "20080023205" | US- PGPUB; USPAT; USOCR | AND | OFF | 2008/06/09 14:57 |
| S38 | 13 | (US-20050205265-\$ or US-20020157831-\$ or US-20050199401-\$ or US-20080023205-\$).did. or (US-4913232-\$ or US-6050336-\$ or US-5576485-\$ or US-6964302-\$ or US-6257335-\$ or US-6187839-\$ or US-5031699-\$ or US-4339000-\$).did. or (US-3272517-\$).did. | US- PGPUB; USPAT; USOCR | AND | OFF | 2008/06/09 15:18 |
| S39 | 7 | S38 (expandable OR expanding) | US- PGPUB; USPAT; USOCR | AND | OFF | 2008/06/09 15:18 |
| S40 | 2007 | 166/101,118,120,387.ccls. | US- PGPUB; USPAT; USOCR | AND | OFF | 2008/06/09 15:26 |
| S41 | 44 | S40 seal (expandable ADJ (tubing OR casing)) | US- PGPUB; USPAT; USOCR | AND | OFF | 2008/06/09 15:26 |

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| S42 | 23 | ((("1,336,738") or ("2,231,282") or ("3,272,517") or ("3,750,750") or ("4,137970") or ("4,913232") or ("5,190109") or ("5,358054") or ("5,361836") or ("5,667010") or ("5,992,522") or ("6,041,858") or ("6,050,336") or ("6,059,033") or ("6,196,316") or ("6,244,344") or ("6,286,603") or ("6,296,054") or ("6,330,917") or ("6,350,309")).PN. or ((2003/0178204) or (2003/0196820)). CCLS. | US- PGPUB; USPAT; USOCR | OR | OFF | 2008/11/10 18:18 |
| S43 | 2121 | 166/101,118,120,387.ccls. | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 10:23 |
| S44 | 610 | S43 seal (cement OR cemented) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 10:23 |
| S45 | 331 | S43 (seal SAME (cement OR cemented)) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 10:23 |
| S46 | 116 | (yield ADJ stress ADJ fluid) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 11:02 |
| S47 | 33 | S46 (cement OR cemented) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 11:05 |
| S48 | 10 | S46 "166".clas. | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 11:05 |
| S49 | 6 | "166".clas. (viscoplastic OR visco-plastic OR viscoplasticity) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 11:19 |
| S50 | 16 | S43 (activator) | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/11 11:20 |
| S51 | 23 | ((("1,336,738") or ("2,231,282") or ("3,272,517") or ("3,750,750") or ("4,137970") or ("4,913232") or ("5,190109") or ("5,358054") or ("5,361836") or ("5,667010") or ("5,992,522") or ("6,041,858") or ("6,050,336") or ("6,059,033") or ("6,196,316") or ("6,244,344") or ("6,286,603") or ("6,296,054") or ("6,330,917") or ("6,350,309")).PN. or ((2003/0178204) or (2003/0196820)). CCLS. | US- PGPUB; USPAT; USOCR | OR | OFF | 2009/06/12 10:20 |

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| S52 | 1 | S51 furan | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 10:20 |
| S53 | 320 | "166".clas. furan | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 10:21 |
| S54 | 101 | S53 cement | US- PGPUB; USPAT; USOCR | AND | OFF | 2009/06/12 10:21 |

6/12/2009 2:54:58 PM

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